



## Thermocouple Compensating Wire Type K Extension Grade Platinum Rhodium Red/Blue ISO Certified

Our Product Introduction

for more products please visit us on [victory-alloy.com](http://victory-alloy.com)

### Basic Information

- Place of Origin: China
- Brand Name: Victory
- Model Number: Thermocouple Compensating Wire



### Product Specification

- Certifications: ISO, CE, RoHS, Etc.
- Wire Type: Thermocouple Compensating Wire
- Other Name: Copper-constantan Thermocouple
- Grade: Extension Grade Type K
- Type: RNX, RPX
- Color: Red, Blue, Yellow, Green, White, Etc.
- Application: Temperature Measurement And Control In Various Industries
- Positive: Platinum Rhodium
- Highlight: **Type K Thermocouple Compensating Wire,  
ISO Certified Thermocouple Compensating Wire**  
  
**Platinum Rhodium Thermocouple  
Compensating Wire**

## Product Description

### Product Description:

The Thermocouple Compensating Wire is available in different configurations depending on the application. The wire comes in 2, 4, 6, 8, or custom cores. This allows for flexibility in designing the J Type Thermocouple Cable. The Thermocouple Compensating Wire is available in two different types, RNX and RPX. Both types of wire are made of Platinum Rhodium, which is a highly accurate and reliable material for temperature measurement.

The Thermocouple Compensating Wire is ETFE insulated. ETFE is a highly durable and heat-resistant material that can withstand harsh environments. The insulation helps to protect the wire from damage and ensures that the wire maintains its integrity over time. The ETFE insulation also helps to maintain accurate temperature readings.

The Thermocouple Compensating Wire has an EMF tolerance of  $\pm 1.0\text{C}$  or  $\pm .75\%$ . This means that the wire is highly accurate and can provide reliable temperature readings. The EMF tolerance is an important factor to consider when selecting a Thermocouple Compensating Wire, as it can impact the accuracy of temperature readings.

In conclusion, the Thermocouple Compensating Wire is an essential component of the J Type Thermocouple Cable. It is a gas shielded welding wire that is used for temperature measurement and control in various industries. The wire is available in different configurations, including 2, 4, 6, 8, or custom cores, and two different types, RNX and RPX. The wire is made of Platinum Rhodium and has an ETFE insulation that is highly durable and heat-resistant. The EMF tolerance of  $\pm 1.0\text{C}$  or  $\pm .75\%$  ensures that the wire is highly accurate and can provide reliable temperature readings.

### Features:

Product Name: Thermocouple Compensating Wire

Accuracy: Class 1, Class 2, Or Custom

Temperature Range:  $-200^{\circ}\text{C}$  To  $1200^{\circ}\text{C}$

Certifications: ISO, CE, RoHS, Etc.

Number Of Cores: 2, 4, 6, 8, Or Custom

Positive: Platinum Rhodium

Features: Insulated Resistance Wire, Gas Shielded Welding Wire, High Temperature Resistance Wire

### Technical Parameters:

Technical Parameter	Description
Color	Red, Blue, Yellow, Green, White, etc.
EMF Tolerance	$\pm 1.0\text{C}$ or $\pm .75\%$
Positive	Platinum Rhodium
Wire Material	Alloy
Grade	Extension Grade Type K
Number of Cores	2, 4, 6, 8, or custom
Accuracy	Class 1, Class 2, or custom
Application	Temperature measurement and control in various industries
Certifications	ISO, CE, RoHS, etc.
Wire Type	Thermocouple Compensating Wire

### Applications:

The wire comes in two different types, RNX and RPX, each designed for different applications. The Thermocouple Compensating Wire is made of ETFE insulated wire and is designed to be used with J Type Thermocouple Cable. This wire is ideal for use in high-temperature environments, where accuracy is of utmost importance.

The Thermocouple Compensating Wire is available in different accuracy classes, including Class 1, Class 2, or custom accuracy. This means that the wire can be used in a variety of applications, from simple temperature monitoring to more complex industrial processes. One of the key features of Victory's Thermocouple Compensating Wire is its positive Platinum Rhodium composition. This composition ensures that the wire is durable and can withstand high temperatures, making it an ideal choice for a range of applications.

Some of the most common applications for Thermocouple Compensating Wire include use in industrial ovens, furnaces, and kilns. The wire is also commonly used in the automotive industry, particularly for engine testing and research.

In conclusion, Victory's Thermocouple Compensating Wire is a versatile and reliable product that is essential for accurate temperature measurement. With its ETFE insulated wire, J Type Thermocouple Cable compatibility, and high-temperature capabilities, this wire is an excellent choice for a wide range of applications.

### Customization:

## Support and Services:

The Thermocouple Compensating Wire product comes with a range of technical support and services, including:

Expert technical advice and assistance in selecting the right product for your application

Product documentation, including datasheets and user manuals

Product testing and calibration services to ensure accuracy and reliability

Repair and maintenance services to keep your equipment running smoothly

Training services to help you and your team get the most out of your equipment

Our dedicated team of technical support specialists and service technicians are available to assist you with any questions or concerns you may have about your Thermocouple Compensating Wire product.

## Packing and Shipping:

Product Packaging:

Thermocouple compensating wire

Available in various lengths

Securely packed in a cardboard box

Shipping:

Ships within 2 business days of order placement

Standard shipping rates apply

Tracking information provided upon shipment

## FAQ:

A: The brand name of this product is Victory.

Q: What is the model number of this product?

A: The model number of this product is Thermocouple Compensating Wire.

Q: Where is this product manufactured?

A: This product is manufactured in China.

Q: What is the temperature range of this product?

A: The temperature range of this product varies depending on the specific type of thermocouple compensating wire. Please refer to the product specifications for more information.

Q: What is the warranty for this product?

A: Warranty information is not included in this FAQ. Please refer to the product warranty information for details.



Changzhou Victory Technology Co., Ltd



+8619906119641



victory@dlx-alloy.com



victory-alloy.com

NO.32 West Taihu Road, Xinbei District, Changzhou, Jiangsu